

CLAIMS

1. Polyol Monomerate.
2. The polyol Monomerate of claim 1 wherein the polyol is glycerol.
3. Polyol monoMonomerate.
4. The polyol monoMonomerate of claim 3 wherein the polyol is glycerol.
5. A composition comprising polyol monoMonomerate and polyol diMonomerate.
6. The composition of claim 5 wherein the polyol is glycerol.
7. A composition comprising a first component selected from the group consisting of monoester of polyol and Monomer, diester of polyol and Monomer, and triester of polyol and Monomer, and a second component selected from the group consisting of monoester of polyol and Monomer, diester of polyol and Monomer, triester of polyol and Monomer, polyol, and Monomer;
where the first and second components are non-identical.
8. The composition of claim 7 wherein the polyol is glycerol.
9. The composition of claim 7 wherein the polyol and the Monomer are each present in the composition at concentrations of less than 10 weight percent.
10. A composition comprising the esterification product of:
 - a) Monomer or a reactive equivalent thereof; and

b) polyol or a reactive equivalent thereof.

11. The composition of claim 10 wherein the polyol is glycerol.

12. A composition comprising the esterification product of:

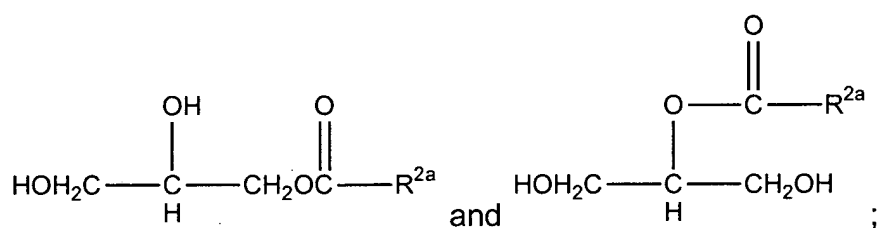
- a) a C₁₂-C₂₈ cyclic fatty acid or reactive equivalent thereof;
- b) a C₁₂-C₂₈ branched fatty acid or reactive equivalent thereof; and
- c) one or more polyols or reactive equivalents thereof.

13. The composition of claim 12 wherein the polyol is glycerol.

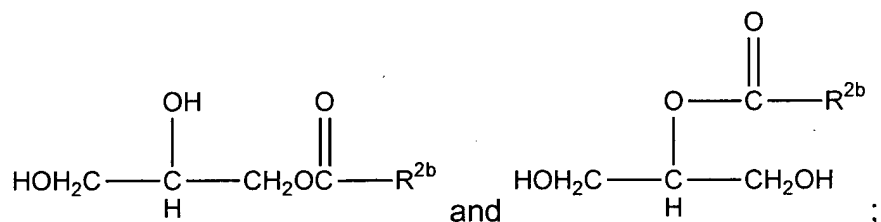
14. The composition of claim 12 wherein the composition comprises the esterification product of glycerol and pentaerythritol.

15. The composition of claim 12 wherein each of the C₁₂-C₂₈ cyclic fatty acid and the C₁₂-C₂₈ branched fatty acid are present in Monomer.

16. A composition comprising a first ester selected from



and a second ester selected from



wherein R^{2a} is a branched C₁₂-C₂₈ hydrocarbon and R^{2b} is a cyclic C₁₂-C₂₈ hydrocarbon.

17. The composition of claim 16 wherein R¹-COOH and R²-COOH are present in Monomer.

18. A lubricating composition comprising a lubricating fluid and an ester of claim 1.

19. A lubricating composition of claim 18 which is a lubricating oil.

20. A lubricating composition of claim 18 which is a metal working fluid composition.

21. A method of improving the friction properties of a lubricant fluid comprising adding an ester of claim 1 to a lubricant fluid.

22. A fuel composition comprising a distillate fuel having a sulfur content less than 0.05% by weight and from 1 to 10,000 ppm of an ester of claim 1.

23. The fuel composition of claim 22 wherein the fuel composition is a diesel fuel composition.

24. A method for improving the lubricity of a distillate fuel having a sulfur content of less than 0.05% by weight, comprising the addition thereto of the ester of claim 1.